

Converting Colors

CIELCh(51, 5.069, 88.978)

Have a look what the booklet for
CIELCh(51, 5.069, 88.978) contains.

CIELCh(51, 4.920, 89.951)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(51, 4.920, 89.951)

Conversions

Conversions Part 1

Format	Color
Hex	7D7971
RGB	125, 121, 113
RGB Percent	49%, 47%, 44%
CMY	0.5093, 0.5250, 0.5564
CMYK	0.00, 0.03, 0.10, 0.51
HSL	40°, 5%, 47%
HSV	40°, 10%, 49%
XYZ	18.3150, 19.2686, 18.4121
YIQ	121.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

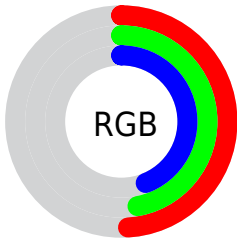
Format	Color
RYB	119, 125, 113
Decimal	8223089
CIELab	51.00, 0.00, 4.92
CIElCh	51, 4.920, 89.951
Yxy	19.2686, 0.3271, 0.3441
Android (android.graphics.Color)	4286413169 (0xFF7D7971)
YUV	121.2840, -4.0840, 3.2589
Hunter-Lab	43.8960, -2.3413, 5.8582

Details

The CIELCh color **51, 4.920, 89.951** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 4.921, 272.372**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 4.742, 85.844**, and **31, 5.247, 94.086** is the 20% darker color. If you saturate the color by 10%, you get **50, 10.160, 88.758**, and if you desaturate by 10%, it is **53, 0.213, 271.990**.

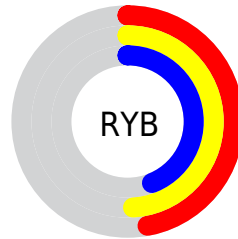
Distribution



Red (49%)

Green (47%)

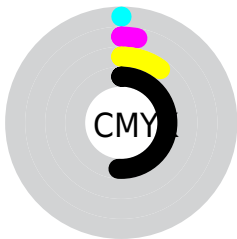
Blue (44%)



Red (47%)

Yellow (49%)

Blue (44%)

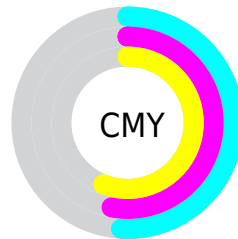


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 4.920, 89.951 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 51, 4.920, 89.951 by changing the saturation by 10% instead.

■ 51, 4.920, 89.951 ■ 51, 4.920, 89.951

■ 100, 4.920, 89.951 ■ 41, 4.920, 89.951

■ 71, 4.920, 89.951 ■ 31, 4.920, 89.951

■ 81, 4.920, 89.951 ■ 21, 4.920, 89.951

■ 91, 4.920, 89.951 ■ 11, 4.920, 89.951

■ 1, 4.920, 89.951

■ 0, 4.920, 89.951

■ 51, 4.920, 89.951 ■ 51, 4.920, 89.951

■ 50, 10.160, 88.758 ■ 53, 0.213, 271.990

■ 48, 15.498, 87.497 ■ 54, 5.243, 272.362

47, 20.916, 86.198

56, 10.175,
273.441

45, 26.370, 84.860

57, 15.013,
274.481

44, 31.775, 83.477

43, 36.971, 82.025

59, 19.766,
275.475

41, 41.683, 80.452

60, 24.440,
276.421

40, 45.487, 78.658

39, 48.603, 76.752

62, 29.042,
277.318

64, 33.576,
278.169

65, 38.049,
278.975

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51, 4.920, 89.951



49, 4.921, 272.372

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51, 4.920, 89.951



51, 4.920, 139.951



51, 4.920, 269.951



51, 4.920, 319.951

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51, 4.921, 89.968



67, 1.895, 90.671



49, 5.441, 354.496



34, 1.431, 90.607



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 4.921, 89.968



65, 7.673, 89.648



52, 6.990, 116.047



26, 2.934, 90.023



40, 49.409, 76.627



0, 0.000, 0.000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49, 4.921, 272.372



62, 7.663, 272.733



48, 7.136, 297.402



25, 2.935, 272.310



21, 56.621, 295.428



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 4.920, 89.951 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 51, 4.920, 89.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

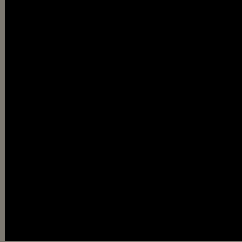
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

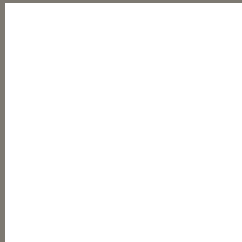
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 4.920, 89.951

Background



This preview shows how black text looks on a background with the CIELCh color 51, 4.920, 89.951.



This preview shows how white text looks on a background with the CIELCh color 51, 4.920, 89.951.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51, 4.920, 89.951

Protanopia

51, 5.073, 85.516

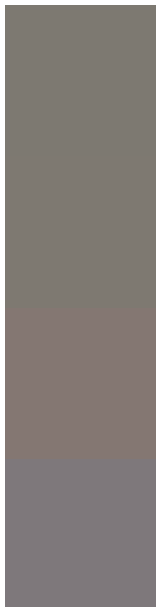
Deuteranopia

51, 8.125, 32.550



Tritanopia
51, 6.163, 321.696

Trichromacy



Original Color
51, 4.920, 89.951

Protanomaly
51, 5.073, 85.516

Deuteranomaly
51, 6.132, 48.040

Tritanomaly
51, 2.992, 343.928

Monochromacy



Original Color
51, 4.920, 89.951

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 1.782, 96.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 4.920, 89.951 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(125, 121, 113)` looks like.

```
.text, #text, p{  
    color:rgb(125, 121, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(125, 121, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 121, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 4.920, 89.951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

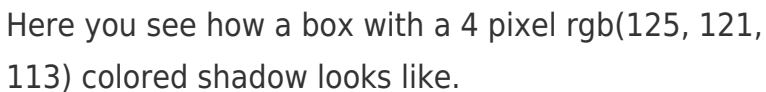
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 121, 113) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(125, 121, 113) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(125, 121, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 121, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 121, 113); box-shadow:4px 4px 4px 4px rgb(125, 121, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 4.920, 89.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 121, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(125,  
121, 113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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